

REMARKS

This supplemental response to the Office Action dated June 21, 2005, supplements the response filed November 21, 2005. Both of the independent claims 1 and 12 have been further amended to distinguish over the '511 patent discussed in the response filed November 21, 2005, and commercial implementations (Square D's "PowerLink AS" and "PowerLink G3" products) of the product described in the '511 patent. The Square D "PowerLink AS" and "PowerLink G3" products have been identified in the Information Disclosure Statement submitted herewith along with literature relating to the two products, as well as a related U.S. Patent No. 6,813,525.

The commercial implementations ("PowerLink AS" and PowerLink G3") had the interface circuitry 61 shown in Fig. 4 of the '511 patent accessible on the front of the controller 32, the physical location of which is shown in Figs. 1a and 1b. This circuitry was accessible through an RS-232 port that could be accessed by opening the door 37a to reveal the front of the controller 32. This port was not an Ethernet port. The "PowerLink G3" literature shows the single Ethernet port in that product located inside the cover of the controller (see, e.g., page 7 where the controller is shown with the right-hand cover removed to reveal the internal Ethernet port).


Both of the independent claims 1 and 12 have now been amended to require two Ethernet ports having the same functionality, namely, "for connecting said electrical power equipment [inside the enclosure] with equipment outside of said enclosure." In addition, one of the Ethernet ports is defined as being "inaccessible from outside said enclosure when said enclosure is installed," and the other Ethernet port has been defined as being "accessible from outside said enclosure when said enclosure is installed to enable coupling of said power equipment inside said enclosure to an Ethernet outside said enclosure." The inaccessible port corresponds to the port 16 in the embodiment depicted in the drawing of this application (used for a safe permanent connection, made during installation of the enclosure, between the power equipment in the enclosure 15 and the user's local Ethernet), and the accessible port corresponds to the port 14 in the drawing (used for temporary coupling of the power equipment in the enclosure 15 to an external Ethernet after the enclosure has been installed). Neither the '511 patent nor any of the prior art identified in the new Information Disclosure Statement submitted herewith discloses an electrical power equipment enclosure that has this combination of ports.

New dependent claims 16-19 further require that the electrical power equipment in the enclosure be power monitoring equipment for measuring power parameters such as voltage or current, which is a primary function of any power monitor. The enclosures in the '511 patent and the prior art identified in the new Information Disclosure Statement submitted herewith do not contain any power monitoring equipment. The Office Action alleged that item 32 in the '511 patent is "networked power monitoring equipment." A careful review of the '511 patent, however, reveals that it does not disclose either power monitoring equipment or an Ethernet hub within the enclosure 10. Item 32 in the '511 patent is a controller shown in block diagram form in Fig. 4 of the '511 patent. As explained in column 3, lines 59 *et seq.* of the '511 specification, the controller "may communicate with a **remotely located** control/monitoring device 36 (FIG. 7) via the termination board 38," but there is no power monitoring equipment located within the enclosure 10 containing the controller 32. The enclosure 10 contains circuit breakers that can be controlled to open and close the power lines, and the on/off condition of the breakers is monitored, but there is no equipment for measuring power parameters such as voltage, current, power, etc., which is the primary function of power monitoring equipment. Nor do any of the items identified in the new Information Disclosure Statement submitted herewith contain power monitoring equipment.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

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Respectfully submitted,

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